

Work Order ID 72479

Tuesday, July 26, 2011 10:34:51 AM



Page 1

Item ID: D412-758-013

Accept



Setup Start



Revision ID:

Stop



Item Name: GPS Receiver Gimbal Mount. Top Mounted

Start Date: 7/26/2011 Start Qty: 7.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 7.00

Customer:

Reference: **DISASSEMBLE**

Approvals: Process Plan: *[Signature]*

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D412-758

Rev C

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

PULL FROM STOCK:

1 X D412-758-013 B59194

2 X D412-758-013 B65811

4 X D412-758-013 B55907

✓ - 52379 47430 D354111
✓ - 52379 D3541041

DISASSEMBLE KITS

RETURN ALL PARTS TO STOCK USING

ORIGINAL B/N

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

u 11/27
u 11.07.27

11/17/29 (7)

Picklist Print

Tuesday, July 26, 2011 10:34:47 AM

Page 1

Work Order ID: 72479

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 7/26/2011

Required Date: 7/29/2011

Start Qty: 7.00

Required Qty: 7.00

Comments: IPP rev A 07.05.28 new issue EC verified by DD IPP revB
10.03.03 added QC4 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN526-632R7

Purchased

No

Each

78.0000

-21

Screw

Location

Loc Qty

Loc Code

ST326

78

2073

78

AN960JD10

NAS1149D0363J

Purchased

No

Each

0.0000

-14

Washer

AN960JD6

NAS1149DN632J

Purchased

No

Each

50.0000

-21

Washer

Location

Loc Qty

Loc Code

ST347

50

104537

50

D3514-041

Manufactured

No

Each

0.0000

Bottom Mounted Gimbal Assembly

D3525-1

Manufactured

No

Each

5.0000

Placard

Location

Loc Qty

Loc Code

ST064

5

68324

5

AN525-10 R7

M112411

-20x ✓

115016

-8x

CU

m11600 7 8x
m113258 16x

47430x1
B662342x 52379x4

B284x 5x
B35026 2x

Picklist Print

Tuesday, July 26, 2011 10:34:47 AM

Page 2

Work Order ID: 72479

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount. Top Mounted

Start Date: 7/26/2011

Required Date: 7/29/2011

Start Qty: 7.00

Required Qty: 7.00

D3527-1
Support Arm

Manufactured No

Each

1.0000

-7

D3530-1
Base Plate

Manufactured No

Each

0.0000

-7

D3530-3
Mounting Plate

Manufactured No

Each

0.0000

-7

D3534-1
Doubler

Manufactured No

Each

6.0000

-7

D412-758-013
GPS Receiver Gimbal Mount. Top Mounted

Manufactured No

Each

0.0000

7

MS21042L06
Nut

Purchased No

Each

208.0000

-21

Location

MEZZ
28421

Loc Qty

1

1

Loc Code

Location

ST066
47431

Loc Qty

6

6

Loc Code

Location

ST300
117601
118354

Loc Qty

208

108

100

Loc Code

B-3536210

47431 64

7

Picklist Print

Tuesday, July 26, 2011 10:34:48 AM

Page 3

Work Order ID: 72479

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 7/26/2011

Required Date: 7/29/2011

Start Qty: 7.00

Required Qty: 7.00

MS21042L3

Purchased

No

Each

1,383.000

-7

Nut

Location

Loc Qty

Loc Code

ST300

1383

117441

629

117601

400

117885

354

MS24693-S27

Purchased

No

Each

180.0000

-28

SCREW

Location

Loc Qty

Loc Code

ST288

180

114037

180

MS27039-1-09

Purchased

No

Each

467.0000

-7

Screw

Location

Loc Qty

Loc Code

FP-B

173

18057

173

ST291

294

111650

294

D3648-1

B 35004

-28

11/1/27 ✓

D2464-0066

48173-9mex

61878-3mex

✓

Tuesday, July 26, 2011 10:34:48 AM

Shop Packet Print

Page 3

Status	Item ID	Rev	Name	Quantity	Pe	UOM	top	Data	route	Seq	Il	crap	ip	Qua	Comments	Date Last Mor
✓	AN525-10R7		Screw	4.0000	E...				110	0...	0.0...					6/21/201...
✓	AN960JD10		Washer	4.0000	E...				110	0...	0.0...					6/21/201...
✓	D2464		3/4 Seal	1.0500	f				110	5...	0.0...					6/21/201...
✓	D3514-043		Top Mounted Gimbal Assembly	1.0000	E...				110	0...	0.0...					6/21/201...
✓	D3525-1		Placard	1.0000	E...				110	0...	0.0...					6/21/201...
✓	D3534-1		Doubler	1.0000	E...				110	0...	0.0...					6/21/201...
✓	D3645-1		Washer	4.0000	E...				110	0...	0.0...					6/21/201...
✓	MS24693-S27		SCREW	4.0000	E...				110	0...	0.0...					6/21/201...

Location/Lot Activity

Tuesday, July 26, 2011 10:08:18 AM

Page 1 of 1

Criteria : Item ID: D412-758-013 All Locations All Lots Transactions: 17 All Dates Report on Locations & Lots

Transaction Type	Item ID/ Item Name	Warehouse Location ID	Reason	Employee ID Location Code	Loc Trans Date	LocQtyPrior/ Location Qty	Lot Number	LotQtyPrior/ Lot Qty	Shelf Life Date Lot Code	Extended Cost
Rework	D412-758-013 / GPS Receiver Gimbal Mount. Top Mounted	Main Warehouse	72479	LACE01		7.0000		4.0000		
		FG021			7/26/2011	-7.0000	55907	-4.0000		(\$2,057.09)
		Main Warehouse	72479	LACE01		7.0000		2.0000		
		FG021			7/26/2011	-7.0000	65811	-2.0000		(\$1,028.55)
		Main Warehouse	72479	LACE01		7.0000		1.0000		
		FG021			7/26/2011	-7.0000	59194	-1.0000		(\$514.27)
								-7.0000		(\$3,599.91)

Work Order ID 59194

Thursday, May 27, 2010 3:13:53 PM

Page 1

Item ID: D412-758-013

Accept

Revision ID:

Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 5/27/2010 Start Qty: 1.00

Required Date: 6/4/2010 Req'd Qty: 1.00

Reference: Return 2010 / RA110031

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: 1005-27 SPC (Y/N): _____ Date: _____

Run Start
Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
N/A	Rev A

100 QC5- Inspect part completeness to step on W/O 0.00



QC
Quality Control

Memo
Original B47325 @ CHG001.
Kit complete & in good condition.

0.00

S w/bs x1

110 Identify as per dwg & Stock Location: 21 0.00



Packaging

Packaging

Memo
New paperwork & labels required with the new batch # @ CHG001.

0.00

S w/bs

Rev A

10-6-1 S/P

120 QC21- Final Inspection - Work Order Release 0.00



QC

Quality Control

Memo

0.00

10/06/01

MF 10-6-01

Work Order ID 55907

February 4, 2010 10:52:35 AM



Page 1

Item ID: D412-758-013

Accept



Setup Start



Revision ID:

Item Name: GPS Receiver Gimbal Mount, Top Mounted

Stop



Start Date: 2/04/10 Start Qty: 4.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev A

100



DOCUMENT CONTROL

0.00

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP412-758-013 CHG001

U 1002-04

Solo 125

110



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

→ 2x4 inspect Kit

Solo 125

10-2-14 @ SP

120



Packaging

0.00

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-758-013
Location: _____ CIPP Rev: _____

(X)

Plu/25 (4)

Work Order ID 55907

February 4, 2010 10:52:36 AM

Page 2

Item ID: D412-758-013

Accept

Setup Start

Revision ID:

Stop

Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10 Start Qty: 4.00

Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/03/03

10-2-29
(4)

Picklist Print

February 4, 2010 10:52:34 AM

Page 1

Work Order ID: 55907

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN525-10R7		Purchased	No			110	Each	596.0000	16.0000			
------------	--	-----------	----	--	--	-----	------	----------	---------	--	--	--

Screw

10-2-17

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 596

106166 30

110844 15

112314 10

112411 48

113288 200

113359 293

16

AN960JD10		Purchased	No			110	Each	0.0000	16.0000			
-----------	--	-----------	----	--	--	-----	------	--------	---------	--	--	--

Washer

D2464		Manufactured	No			110	f	720.3810	4.4211			
-------	--	--------------	----	--	--	-----	---	----------	--------	--	--	--

3/4 Seal

1113288 10-2-17

10-2-17

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 720.3809737

39669 89.87

48173 630.510974

2x each

cut qty of 2 at 6.6" as per dwg D2464-0066 **per kit***

D3514-043		Manufactured	No			110	Each	0.0000	4.0000			
-----------	--	--------------	----	--	--	-----	------	--------	--------	--	--	--

Top Mounted Gimbal Assembly

58379 10-2-17

MEASURED 6.6" 25

Picklist Print

February 4, 2010 10:52:34 AM

Page 2

Work Order ID: 55907

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted


Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Date: 2/04/10

Required Date: 2/05/10

Start Qty: 4.00


Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3525-1  Placard		Manufactured	No			110	Each	15.0000	4.0000		10-2-17	sf

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	15	
28428	8	
35026	7	

4

10-2-17

D3534-1

Doublor


Manufactured No

110 Each 13.0000 4.0000

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	13	
47431	13	

4

10-2-17 40 sf

D3645-1

Washer

Manufactured No

110 Each 165.0000 16.0000

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	165	
35004	66	
35025	99	

16

February 4, 2010 10:52:34 AM

Shop Packet Print

Page 2

Picklist Print

February 4, 2010 10:52:34 AM

Page 3

Work Order ID: 55907

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted


Start Date: 2/04/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS24693-S27  SCREW		Purchased	No			110	Each	12.0000	16.0000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

12

101760

12

10-2-17 sl (4)
M114037 11p Per 2/07
SX

4.0 WEIGHT AND BALANCE

The following weight and balance information does not include the installation of the GPS Receiver in the D412-758-011/-013 Gimbal Mount.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-758-011, Bottom Mounted GPS Receiver Gimbal Mount	1.40 lb 0.64 kg	8.0 in 0.20 m	11.2 in lb 0.13 kg m	24.0 in 0.61 m	33.6 in lb 0.39 kg m
D412-758-013, Top Mounted GPS Receiver Gimbal Mount	1.37 lb 0.62 kg	0 in 0 m	0 in lb 0 kg m	24.0 in 0.61 m	32.9 in lb 0.38 kg m
Typical Antenna Installation	0.5 lb 0.23 kg	-10.5 in -0.27 m	-5.3 in lb -0.06 kg m	51.5 in 1.31 m	25.8 in lb 0.30 kg m

5.0 PARTS LIST

QTY -011	QTY -013	Part Number	Description
X		D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	X	D412-758-013	Top Mounted GPS Receiver Gimbal Mount
1		D3514-041	Bottom Mounted Gimbal Assembly
	1	D3514-043	Top Mounted Gimbal Assembly
1		*D3514-045	Bottom Mounted Housing Assembly
	1	*D3514-047	Top Mounted Housing Assembly
1	1	*D3522-1	Gasket
1		*D3523-1	Leg
	1	*D3523-3	Leg
1	1	*D3524-1	Lower Plate
1	1	*D3526-1	Rubber Seal
	1	*D3531-041	Bracket Assembly
2	2	*D3533-3	Set Screw
	1	*AN3-6A	Bolt
1		*AN3-10A	Bolt
3	2	*AN960JD10L	Washer
4	4	*MS24693-S29	Screw
	/2	D2464-0066	Neoprene Seal
1	1	D3525-1	Placard
1		D3527-1	Support Arm
1		D3530-1	Base Plate
1		D3530-3	Mounting Plate
1	1	D3534-1	Doubler
	4	D3645-1	Washer
	4	AN525-10R7	Screw
3		AN526-632R7	Screw (or MS35206-229)
3		AN960JD6	Washer
2	/4	AN960JD10	Washer
3		MS21042L06	Nut
1		MS21042L3	Nut
4	4	MS24693-S27	Screw
1		MS27039-1-09	Screw

Note: * denotes included in above assembly

Picklist Print

June 26, 2009 4:24:40 PM

Page 1

Work Order ID: 47325

Parent Item: D412-758-013RevA

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Comments:

Start Date: 15/07/2009

Required Date: 03/08/2009

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S AN525-10R7 Screw		Purchased	No			120	Each	268.0000	8.0000			
S AN960JD10 Washer		Purchased	No			120	Each	1,246.000	8.0000			
S D2464RevB 3/4 Seal		Manufactured	No			120	f	896.4300	2.2105			
S D3514-043RevA Top Mounted Gimbal Assembly		Manufactured	No			120	Each	0.0000	2.0000			
S D3525-1RevA Placard		Manufactured	No			120	Each	19.0000	2.0000			
S D3534-1RevA Doubler		Manufactured	No			120	Each	17.0000	2.0000			
S D3645-1RevA Washer		Manufactured	No			120	Each	181.0000	8.0000			
S MS24693-S27 SCREW		Purchased	No			120	Each	28.0000	8.0000			

M112411 SP

M112369 SP

B48173 SP

47430 SP

B28428 SP

① B35360 ② B47431 SP

B35004 SP

M101760 SP

9/10/11 QX SP

→ Cut qty of 2 @ 6.600" per dwg
*** per kit ***